

Table RSE-2.5.0 - ED mentions for central nervous system agents by drug category: RSE estimates for the coterminous U.S. by year

| Drug name ^{1,2,3} | | Total 1994 | Total 1995 | Total 1996 | Total 1997 | Total 1998 | Total 1999 | Total 2000 | p-value ⁴ 1994, 2000 | p-value ⁴ 1998, 2000 | p-value ⁴ 1999, 2000 |
|--|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------------------------------|---------------------------------------|---------------------------------------|
| Analgesics | | 5.6 | 5.1 | 5.8 | 6.2 | 6.0 | 7.3 | 7.5 | 0.001 | 0.001 | 0.000 |
| Antimigraine agents | | 31.8 | 24.5 | 26.4 | 28.6 | 34.5 | 31.8 | 34.8 | 0.855 | 0.985 | 0.552 |
| APAP/dichloralphenazone/isometheptene | | 37.6 | 33.7 | 32.8 | 33.5 | 38.0 | 35.6 | 42.2 | 0.833 | 0.782 | 0.475 |
| belladonna/caffeine/ergotamine/pentobarbital | | | | | | | | | | | |
| caffeine-ergotamine | | 21.0 | 63.9 | 26.6 | 27.3 | 23.0 | 10.7 | 57.1 | 0.000 | 0.559 | 0.295 |
| dihydroergotamine | | 0.0 | 0.0 | 0.0 | 80.8 | 0.0 | 102.6 | 0.0 | 1.000 | 1.000 | 0.330 |
| ergotamine | | 20.3 | 94.1 | 13.1 | 93.3 | 65.7 | 40.9 | 10.1 | -0.001 | 0.362 | 0.029 |
| isometheptene mucate | | 0.0 | 92.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.000 | 1.000 | 1.000 |
| methysergide maleate | | 0.0 | 96.1 | 58.5 | 0.0 | 30.2 | 21.2 | 0.0 | 1.000 | -0.001 | 0.000 |
| naratriptan | | | | | | | | | | | |
| rizatRIPTAN | | | | | | | | | | | |
| sumatriptan | | 27.7 | 35.1 | 59.0 | 60.0 | 23.8 | 20.1 | 74.9 | 0.197 | 0.306 | 0.327 |
| zolmitriptan | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19.2 | 32.9 | 0.002 | 0.002 | 0.102 |
| antimigraine agents-NOS | | 83.4 | 5.6 | 63.0 | 17.7 | 41.4 | 88.1 | 17.8 | 0.260 | 0.111 | 0.296 |
| Cox-2 inhibitors | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 88.3 | 26.0 | 0.000 | 0.000 | 0.000 |
| celecoxib | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 88.3 | 26.0 | 0.000 | 0.000 | 0.000 |
| rofecoxib | | | | | | | | | | | |
| cox-2 inhibitors-NOS | | | | | | | | | | | |
| Narcotic analgesics | | 10.0 | 8.8 | 8.0 | 7.8 | 8.6 | 11.7 | 12.0 | 0.000 | 0.002 | 0.156 |
| alfentanil | | | | | | | | | | | |
| anileridine | | 0.0 | 23.9 | 0.0 | 0.0 | 0.0 | 26.8 | 99.3 | 0.314 | 0.314 | 0.329 |
| buprenorphine | | 42.1 | 33.9 | 7.1 | 96.3 | 0.0 | 60.3 | 26.6 | 0.003 | 0.000 | 0.283 |
| butorphanol | | 20.1 | 69.1 | 43.9 | 59.2 | 38.0 | 71.2 | 88.0 | 0.414 | 0.336 | 0.691 |
| codeine | | 15.6 | 16.4 | 20.1 | 17.6 | 18.2 | 24.1 | 19.6 | -0.007 | 0.353 | 0.391 |
| dezocine | | 55.3 | 0.0 | 45.3 | 0.0 | 0.0 | 85.2 | 0.0 | 0.071 | 1.000 | 0.241 |
| dihydrocodeine | | 144.5 | 0.0 | 0.0 | 55.4 | 5.5 | 52.5 | 70.6 | 0.827 | 0.479 | 1.000 |
| dihydromorphone | | | | | | | | | | | |
| fentanyl | | 19.3 | 27.3 | 13.6 | 45.8 | 38.8 | 48.7 | 34.3 | 0.006 | 0.156 | 0.186 |
| hydrocodone | | 24.2 | 22.3 | 21.2 | 18.5 | 21.4 | 18.3 | 20.9 | 0.047 | 0.565 | 0.726 |
| hydromorphone | | 37.4 | 25.3 | 28.0 | 39.2 | 41.7 | 37.3 | 50.4 | 0.286 | 0.139 | 0.295 |
| hydroxy-N-methylmorphinan | | 0.0 | 27.1 | 0.0 | 0.0 | 0.0 | 0.0 | 70.5 | 0.156 | 0.156 | 0.156 |
| levomethadyl acetate | | 42.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.017 | 1.000 | 1.000 |
| levorphanol | | 74.9 | 69.1 | 0.0 | 0.0 | 12.9 | 0.0 | 31.8 | 1.000 | 0.019 | 0.002 |
| meperidine | | 22.4 | 23.6 | 22.7 | 25.2 | 27.7 | 30.0 | 24.4 | 0.919 | 0.312 | 0.243 |
| methadone | | 11.7 | 14.9 | 11.7 | 11.8 | 10.8 | 14.2 | 15.7 | 0.000 | 0.004 | 0.008 |
| morphine | | 32.6 | 19.8 | 21.0 | 19.8 | 22.1 | 17.8 | 18.0 | 0.000 | 0.358 | 0.596 |
| nalbuphine | | 37.7 | 48.5 | 20.4 | 29.3 | 87.9 | 45.5 | 67.9 | 0.175 | 0.491 | 0.241 |
| noscapine | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 37.6 | 0.0 | 1.000 | 1.000 | -0.008 |
| opium | | 51.8 | 65.6 | 15.1 | 14.6 | 16.3 | 58.9 | 48.0 | 0.393 | 0.075 | 0.750 |
| oxycodone | | 40.2 | 53.7 | 13.8 | 41.6 | 27.6 | 27.7 | 30.8 | 0.002 | 0.006 | 0.021 |
| oxymorphone | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 70.6 | 0.156 | 0.156 | 0.156 |
| papaveretum | | 0.0 | 0.0 | 0.0 | 0.0 | 6.5 | 0.0 | 0.0 | 1.000 | 0.000 | 1.000 |
| pentazocine | | 17.0 | 27.9 | 0.0 | 0.0 | 0.0 | 41.6 | 65.1 | 0.629 | 0.125 | 1.000 |
| phenacetin | | 71.1 | 0.0 | 0.0 | 124.7 | 42.5 | 0.0 | 0.0 | 0.159 | -0.019 | 1.000 |
| propoxyphene | | 21.6 | 23.2 | 22.9 | 19.9 | 20.5 | 31.8 | 32.4 | -0.018 | 0.078 | 0.478 |
| remifentanil | | | | | | | | | | | |
| sufentanil | | 0.0 | 59.7 | 0.0 | 0.0 | 38.1 | 0.0 | 0.0 | 1.000 | -0.009 | 1.000 |
| narcotic analgesics-NOS | | 15.1 | 13.1 | 12.2 | 10.7 | 12.1 | 15.9 | 14.1 | 0.000 | 0.041 | 0.998 |

Table RSE-2.5.0 - ED mentions for central nervous system agents by drug category: RSE estimates for the coterminous U.S. by year (continued)

| Drug name ^{1,2,3} | | Total 1994 | Total 1995 | Total 1996 | Total 1997 | Total 1998 | Total 1999 | Total 2000 | p-value ⁴ 1994, 2000 | p-value ⁴ 1998, 2000 | p-value ⁴ 1999, 2000 |
|---|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------------------------------|---------------------------------------|---------------------------------------|
| Narcotic analgesic combinations | | 9.8 | 8.5 | 10.4 | 10.5 | 10.4 | 10.6 | 13.4 | 0.008 | 0.010 | 0.005 |
| acetaminophen-codeine | | 12.5 | 11.0 | 13.1 | 13.5 | 14.7 | 16.6 | 15.2 | -0.001 | -0.029 | 0.994 |
| acetaminophen-hydrocodone | | 17.3 | 15.3 | 17.0 | 14.9 | 15.3 | 14.9 | 17.6 | 0.000 | 0.003 | 0.009 |
| acetaminophen-oxycodone | | 17.8 | 15.5 | 16.3 | 17.8 | 18.5 | 17.4 | 33.4 | 0.107 | 0.107 | 0.184 |
| acetaminophen-pentazocine | | 61.1 | 38.6 | 37.1 | 95.8 | 71.3 | 94.6 | 105.9 | 0.381 | 0.372 | 0.850 |
| acetaminophen-propoxyphene | | 11.4 | 12.4 | 12.3 | 12.2 | 13.9 | 13.2 | 13.0 | 0.607 | 0.789 | 0.892 |
| acetaminophen/caffeine/codeine | | | | | | | | | | | |
| acetaminophen/meperidine | | 0.0 | 96.8 | 0.0 | 0.0 | 0.0 | 110.7 | 66.9 | 0.135 | 0.135 | 0.201 |
| APAP/ASA/caffeine/phenacetin | | | | | | | | | | | |
| APAP/butalbital/caffeine/codeine | | 67.7 | 24.6 | 60.4 | 84.0 | 54.1 | 53.1 | 38.1 | 0.174 | 0.052 | 0.018 |
| APAP/caffeine/dihydrocodeine | | 0.0 | 0.0 | 4.1 | 0.0 | 63.6 | 0.0 | 0.0 | 1.000 | 0.116 | 1.000 |
| ASA/butalbital/caffeine/codeine | | 48.8 | 35.9 | 44.5 | 55.7 | 20.2 | 47.5 | 47.4 | 0.731 | 0.061 | 0.945 |
| ASA/caffeine/dihydrocodeine | | 50.7 | 94.4 | 0.0 | 61.6 | 0.0 | 0.0 | 14.0 | 0.140 | 0.000 | 0.000 |
| ASA/caffeine/propoxyphene | | 0.0 | 61.8 | 40.8 | 0.0 | 74.0 | 0.0 | 61.0 | 0.101 | 0.321 | 0.101 |
| aspirin-codeine | | 25.7 | 22.8 | 31.3 | 26.4 | 83.5 | 15.4 | 101.9 | 0.458 | 1.000 | 0.380 |
| aspirin-hydrocodone | | 10.9 | 0.0 | 0.0 | 0.0 | 31.8 | 0.0 | 0.0 | 0.000 | -0.002 | 1.000 |
| aspirin-oxycodone | | 31.7 | 31.9 | 34.4 | 29.8 | 41.0 | 42.8 | 33.8 | 0.586 | 0.757 | 0.027 |
| aspirin-pentazocine | | 50.2 | 46.9 | 45.0 | 57.8 | 54.5 | 51.8 | 74.0 | 0.863 | 0.932 | 0.844 |
| aspirin/caffeine/codeine | | | | | | | | | | | |
| aspirin/caffeine/codeine/phenacetin | | 88.5 | 72.5 | 92.0 | 33.7 | 52.3 | 0.0 | 0.0 | 0.258 | 0.056 | 1.000 |
| aspirin/caffeine/codeine/phenacetin/phenolphthalein | | 142.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.482 | 1.000 | 1.000 |
| aspirin/caffeine/phenacetin/pseudoephedrine | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 39.0 | 0.010 | 0.010 | 0.010 |
| aspirin/ethoheptazine | | 0.0 | 0.0 | 0.0 | 0.0 | 86.9 | 0.0 | 0.0 | 1.000 | 0.250 | 1.000 |
| belladonna-opium | | 0.0 | 0.0 | 73.1 | 0.0 | 0.0 | 0.0 | 0.0 | 1.000 | 1.000 | 1.000 |
| cocaine (Schedule I substance)/morphine | | 13.8 | 0.0 | 0.0 | 108.7 | 9.6 | 36.1 | 37.3 | 0.045 | 0.045 | 1.000 |
| codeine/papaverine | | 0.0 | 0.0 | 0.0 | 69.0 | 0.0 | 11.2 | 0.0 | 1.000 | 1.000 | 0.000 |
| codeine/phenacetin | | 0.0 | 0.0 | 9.9 | 61.6 | 0.0 | 0.0 | 0.0 | 1.000 | 1.000 | 1.000 |
| codeine/salicylates | | | | | | | | | | | |
| droperidol-fentanyl | | | | | | | | | | | |
| hydrocodone-ibuprofen | | 0.0 | 0.0 | 0.0 | 0.0 | 36.0 | 55.4 | 41.8 | 0.017 | 0.024 | 0.227 |
| kaolin-pectin/paregoric | | 34.2 | 0.0 | 0.0 | 49.7 | 0.0 | 0.0 | 0.0 | -0.003 | 1.000 | 1.000 |
| meperidine-promethazine | | 61.4 | 33.4 | 80.9 | 63.8 | 64.6 | 43.4 | 51.1 | 0.307 | 0.478 | 0.987 |
| naloxone-pentazocine | | 0.0 | 137.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.000 | 1.000 | 1.000 |
| codeine combination-NOS | | 4.7 | 45.6 | 89.1 | 97.3 | 95.0 | 0.0 | 0.0 | 0.000 | 0.293 | 1.000 |
| narcotic analgesic combinations-NOS | | 0.0 | 0.0 | 0.0 | 0.0 | 10.9 | 23.9 | 35.2 | 0.005 | 0.010 | 0.042 |
| Nonsteroidal anti-inflammatory agents | | 7.6 | 6.9 | 8.1 | 8.2 | 8.8 | 8.6 | 9.9 | -0.033 | 0.582 | 0.022 |
| bromfenac | | 0.0 | 0.0 | 0.0 | 0.0 | 28.4 | 0.0 | 106.0 | 0.346 | 0.469 | 0.346 |
| diclofenac | | 41.4 | 40.8 | 33.5 | 24.4 | 27.2 | 40.6 | 51.5 | 0.692 | 0.111 | 0.310 |
| diclofenac-misoprostol | | | | | | | | | | | |
| etodolac | | 28.4 | 27.2 | 35.6 | 36.9 | 37.3 | 68.7 | 58.5 | -0.004 | 0.351 | 0.479 |
| fenoprofen | | 84.3 | 86.9 | 0.0 | 12.3 | 102.9 | 42.0 | 0.0 | 0.236 | 0.331 | -0.017 |
| flurbiprofen | | 39.5 | 32.3 | 53.2 | 34.3 | 25.2 | 22.9 | 74.3 | -0.013 | 0.598 | 0.801 |
| ibuprofen | | 8.2 | 7.4 | 9.0 | 8.9 | 9.7 | 9.5 | 10.7 | 0.410 | 0.561 | 0.006 |
| indomethacin | | 41.0 | 33.9 | 43.4 | 35.9 | 59.6 | 44.5 | 53.8 | 0.174 | 0.628 | 0.826 |
| ketoprofen | | 35.4 | 49.6 | 26.6 | 32.9 | 33.0 | 56.2 | 68.9 | -0.038 | -0.009 | 0.472 |
| ketorolac | | 19.8 | 26.0 | 37.1 | 36.8 | 41.6 | 47.0 | 54.9 | 0.000 | 0.443 | 0.551 |
| meclofenamate | | 18.4 | 35.5 | 32.3 | 0.0 | 57.9 | 0.0 | 101.2 | 0.419 | 0.346 | 0.323 |
| mefenamic acid | | 29.2 | 35.8 | 37.9 | 93.1 | 0.0 | 59.1 | 34.4 | 0.140 | 0.004 | 0.348 |

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| Drug name ^{1,2,3} | | Total 1994 | Total 1995 | Total 1996 | Total 1997 | Total 1998 | Total 1999 | Total 2000 | p-value ⁴ 1994, 2000 | p-value ⁴ 1998, 2000 | p-value ⁴ 1999, 2000 |
|--|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------------------------------|---------------------------------------|---------------------------------------|
| meloxicam | | | | | | | | | | | |
| nabumetone | | 32.7 | 31.2 | 42.7 | 33.4 | 32.7 | 28.7 | 43.7 | 0.285 | 0.227 | -0.027 |
| naproxen | | 12.3 | 12.1 | 11.7 | 10.9 | 9.8 | 12.1 | 13.8 | 0.261 | 0.537 | 0.520 |
| oxaprozin | | 48.2 | 41.9 | 26.8 | 38.3 | 34.7 | 40.0 | 49.8 | 0.800 | 0.184 | 0.559 |
| phenylbutazone | | 50.0 | 56.5 | 90.6 | 63.7 | 0.0 | 33.5 | 47.5 | 0.684 | 0.035 | 1.000 |
| piroxicam | | 49.4 | 62.6 | 52.0 | 88.2 | 90.1 | 56.1 | 22.7 | 0.053 | 0.315 | 0.086 |
| sulindac | | 18.4 | 83.0 | 19.7 | 59.0 | 21.9 | 86.1 | 20.8 | 0.093 | 0.016 | 0.343 |
| tolmetin | | 51.2 | 28.6 | 39.8 | 84.2 | 99.9 | 75.1 | 0.0 | 0.051 | 0.317 | 0.183 |
| nonsteroidal anti-inflammatory agents-NOS | | 47.4 | 66.0 | 58.9 | 52.5 | 55.7 | 67.2 | 75.3 | 0.174 | 0.320 | 0.976 |
| Salicylates | | 8.0 | 8.1 | 11.4 | 10.7 | 9.7 | 11.7 | 10.3 | 0.000 | 0.349 | 0.106 |
| Al hydroxide/ASA/Ca carbonate/Mg hydroxide | | 80.0 | 52.8 | 27.7 | 33.1 | 91.0 | 103.7 | 56.4 | 0.246 | 0.315 | 0.383 |
| ASA/citric acid/Na bicarb | | 82.8 | 87.5 | 85.1 | 34.8 | 42.3 | 93.5 | 65.3 | 0.416 | 0.164 | 0.448 |
| aspirin | | 8.7 | 8.7 | 13.0 | 12.1 | 10.1 | 12.3 | 10.9 | -0.004 | 0.565 | 0.078 |
| choline salicylate | | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | 0.0 | 0.0 | 1.000 | 0.317 | 1.000 |
| choline salicylate-magnesium salicylate | | 35.9 | 15.2 | 62.2 | 21.6 | 100.2 | 80.9 | 0.0 | -0.005 | 0.318 | 0.216 |
| diflunisal | | 50.2 | 54.8 | 31.1 | 30.5 | 99.3 | 22.2 | 39.5 | 0.059 | 0.389 | 0.560 |
| magnesium salicylate | | 55.7 | 35.4 | 36.5 | 47.9 | 73.2 | 17.4 | 68.5 | 0.788 | 0.609 | 0.239 |
| salsalate | | 32.6 | 36.3 | 30.7 | 95.2 | 29.9 | 57.8 | 48.5 | 0.463 | 0.776 | 0.841 |
| sodium salicylate | | | | | | | | | | | |
| sodium thiosalicylate | | | | | | | | | | | |
| salicylates-NOS | | 21.3 | 28.2 | 21.0 | 16.8 | 27.6 | 19.1 | 17.9 | -0.029 | 0.208 | 0.643 |
| Analgesic combinations | | 9.4 | 9.2 | 9.5 | 10.4 | 10.1 | 13.0 | 11.4 | 0.037 | 0.075 | 0.002 |
| acetaminophen-butalbital | | 45.6 | 28.9 | 71.3 | 49.8 | 88.3 | 109.8 | 40.0 | -0.034 | 0.345 | 0.467 |
| acetaminophen-caffeine | | 39.3 | 68.8 | 26.2 | 0.0 | 44.4 | 0.0 | 0.0 | -0.011 | -0.024 | 1.000 |
| acetaminophen-diphenhydramine | | 20.6 | 16.5 | 13.9 | 14.3 | 15.0 | 18.3 | 14.3 | 0.000 | 0.146 | 0.036 |
| acetaminophen-pamabrom | | | | | | | | | | | |
| acetaminophen-phenyltoloxamine | | 79.5 | 62.3 | 70.6 | 74.7 | 74.3 | 68.3 | 18.4 | 0.274 | 0.252 | 0.182 |
| acetaminophen-salicylamide | | 0.0 | 0.0 | 93.6 | 0.0 | 0.0 | 0.0 | 72.7 | 0.169 | 0.169 | 0.169 |
| acetaminophen/ascorbic acid/chlorpheniramine/phenylephrine | | | | | | | | | | | |
| acetaminophen/aspirin | | | | | | | | | | | |
| acetaminophen/aspirin/pyrilamine | | | | | | | | | | | |
| acetaminophen/atropine/caffeine/ephedrine | | 0.0 | 0.0 | 0.0 | 8.3 | 0.0 | 0.0 | 0.0 | 1.000 | 1.000 | 1.000 |
| APAP/AI hydroxide/ASA/caffeine/Mg hydroxide | | 31.6 | 22.9 | 91.4 | 19.0 | 62.7 | 63.2 | 0.0 | -0.002 | 0.111 | 0.113 |
| APAP/ASA/caffeine | | 16.8 | 17.1 | 18.0 | 18.9 | 18.0 | 18.0 | 17.1 | 0.169 | 0.045 | 0.129 |
| APAP/ASA/caffeine/salicylamide | | 97.8 | 0.0 | 62.3 | 69.2 | 0.0 | 0.0 | 0.0 | 0.306 | 1.000 | 1.000 |
| APAP/butalbital/caffeine | | 15.6 | 15.4 | 16.9 | 20.0 | 18.0 | 18.9 | 24.3 | 0.573 | 0.913 | 0.119 |
| APAP/caffeine/pyrilamine | | 98.5 | 9.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.310 | 1.000 | 1.000 |
| APAP/pamabrom/pyridoxine | | | | | | | | | | | |
| APAP/pamabrom/pyrilamine | | 49.6 | 32.8 | 36.5 | 44.0 | 49.6 | 51.1 | 50.5 | 0.931 | 0.987 | 0.529 |
| ASA/butalbital/caffeine | | 19.8 | 15.7 | 18.1 | 16.2 | 18.6 | 23.5 | 21.9 | 0.613 | 0.826 | 0.039 |
| ASA/caffeine/salicylamide | | 62.1 | 84.6 | 51.1 | 28.0 | 100.7 | 0.0 | 22.2 | 0.120 | 0.368 | 0.000 |
| aspirin-butalbital | | 68.2 | 97.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.143 | 1.000 | 1.000 |
| aspirin-caffeine | | 36.4 | 24.6 | 13.8 | 48.1 | 55.9 | 72.0 | 26.0 | -0.010 | 0.136 | 0.324 |
| aspirin-diphenhydramine | | | | | | | | | | | |
| aspirin-phenyltoloxamine | | 85.7 | 97.2 | 34.7 | 73.4 | 55.9 | 0.0 | 39.0 | 0.442 | 0.399 | 0.010 |
| aspirin/salsalate | | 0.0 | 0.0 | 49.7 | 0.0 | 0.0 | 0.0 | 0.0 | 1.000 | 1.000 | 1.000 |
| diphenhydramine-magnesium salicylate | | | | | | | | | | | |
| magnesium salicylate-phenyltoloxamine | | | | | | | | | | | |

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| Drug name ^{1,2,3} | | Total 1994 | Total 1995 | Total 1996 | Total 1997 | Total 1998 | Total 1999 | Total 2000 | p-value ⁴ 1994, 2000 | p-value ⁴ 1998, 2000 | p-value ⁴ 1999, 2000 |
|---|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------------------------------|---------------------------------------|---------------------------------------|
| paraaminobenzoic acid/sodium salicylate | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 112.0 | 0.0 | 1.000 | 1.000 | 0.372 |
| prednisone/salicylamide | | | | | | | | | | | |
| analgesic combinations-NOS | | 31.1 | 76.4 | 69.9 | 51.9 | 91.1 | 21.2 | 76.1 | 0.343 | 1.000 | 0.249 |
| Miscellaneous analgesics | | 6.2 | 6.3 | 6.2 | 7.8 | 7.9 | 8.0 | 8.9 | 0.351 | 0.615 | 0.001 |
| acetaminophen | | 6.2 | 6.3 | 6.2 | 7.8 | 8.0 | 8.1 | 9.2 | 0.066 | 0.490 | 0.003 |
| ammonium sulfate | | 0.0 | 0.0 | 0.0 | 0.0 | 104.0 | 0.0 | 0.0 | 1.000 | 0.336 | 1.000 |
| benoxaprofen | | | | | | | | | | | |
| benzydamine HCl | | | | | | | | | | | |
| dipyropane | | 0.0 | 86.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.000 | 1.000 | 1.000 |
| dypyrone | | 87.9 | 4.5 | 0.0 | 8.0 | 0.0 | 105.0 | 42.5 | 0.053 | 0.019 | 0.438 |
| glafenine | | | | | | | | | | | |
| methotriimeprazine | | | | | | | | | | | |
| morazone | | | | | | | | | | | |
| oxyphenbutazone | | | | | | | | | | | |
| salicylamide | | 0.0 | 94.0 | 0.0 | 0.0 | 93.2 | 0.0 | 0.0 | 1.000 | 0.283 | 1.000 |
| suprofen | | | | | | | | | | | |
| tramadol | | 0.0 | 32.5 | 25.8 | 17.1 | 18.8 | 20.1 | 19.5 | 0.000 | 0.723 | 0.062 |
| xylazine | | 0.0 | 0.0 | 0.0 | 32.5 | 0.0 | 0.0 | 0.0 | 1.000 | 1.000 | 1.000 |
| zomepirac | | 35.5 | 20.9 | 46.0 | 0.0 | 73.9 | 104.0 | 0.0 | -0.005 | 0.176 | 0.336 |
| analgesics-NOS | | 24.8 | 26.9 | 29.4 | 32.6 | 24.3 | 25.5 | 23.2 | 0.150 | 0.506 | 0.321 |
| Anorexiants | | 14.8 | 14.7 | 15.7 | 16.4 | 21.7 | 23.3 | 22.7 | -0.045 | 0.979 | 0.776 |
| clobenzorex | | 10.5 | 18.8 | 0.0 | 0.0 | 57.2 | 0.0 | 0.0 | 0.000 | 0.080 | 1.000 |
| dexfenfluramine | | 0.0 | 0.0 | 0.0 | 36.6 | 93.7 | 20.4 | 52.1 | 0.055 | 0.295 | 0.131 |
| diethylpropion | | 47.2 | 86.8 | 29.0 | 25.2 | 98.8 | 32.2 | 49.9 | 0.242 | 0.327 | 0.472 |
| fenfluramine | | 52.6 | 27.3 | 17.2 | 34.6 | 53.7 | 92.6 | 33.0 | 0.248 | 0.066 | 0.291 |
| fenproporex | | 0.0 | 5.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.000 | 1.000 | 1.000 |
| mazindol | | 0.0 | 97.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.000 | 1.000 | 1.000 |
| phendimetrazine | | 69.3 | 35.2 | 0.0 | 36.7 | 54.4 | 98.5 | 61.3 | 0.291 | 0.251 | 1.000 |
| phenmetrazine HCl | | 17.7 | 0.0 | 0.0 | 21.5 | 12.3 | 0.0 | 0.0 | 0.000 | 0.000 | 1.000 |
| phentermine | | 54.7 | 45.6 | 34.9 | 25.9 | 42.9 | 45.9 | 19.9 | 0.214 | 0.094 | 0.103 |
| phenylpropanolamine | | 17.9 | 20.3 | 25.5 | 24.3 | 30.7 | 28.6 | 27.6 | -0.005 | 0.462 | 0.706 |
| sibutramine | | | | | | | | | | | |
| anorexiants-NOS | | 26.2 | 24.8 | 22.7 | 25.4 | 27.0 | 34.5 | 32.2 | 0.762 | 0.189 | 0.074 |
| Anticonvulsants | | 10.1 | 10.9 | 10.9 | 9.8 | 13.1 | 18.5 | 11.5 | 0.000 | 0.147 | 0.482 |
| 5-allyl-5-isobutylbarbituric acid | | | | | | | | | | | |
| aloxidone | | 0.0 | 0.0 | 0.0 | 0.0 | 82.7 | 0.0 | 0.0 | 1.000 | 0.227 | 1.000 |
| aprobarbital | | 0.0 | 84.2 | 0.0 | 0.0 | 0.0 | 60.7 | 0.0 | 1.000 | 1.000 | 0.099 |
| carbamazepine | | 14.2 | 12.1 | 16.8 | 11.8 | 13.6 | 23.7 | 16.4 | -0.009 | 0.073 | 0.244 |
| divalproex sodium | | 15.3 | 18.5 | 13.8 | 16.7 | 19.2 | 23.1 | 12.4 | 0.000 | 0.995 | 0.856 |
| ethosuximide | | 42.0 | 47.9 | 63.3 | 61.7 | 0.0 | 109.3 | 0.0 | -0.017 | 1.000 | 0.360 |
| ethotoxin | | | | | | | | | | | |
| felbamate | | 50.0 | 45.9 | 6.4 | 6.4 | 27.7 | 0.0 | 0.0 | -0.045 | 0.000 | 1.000 |
| fosphenytoin | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 89.9 | 57.7 | 0.083 | 0.083 | 0.319 |
| gabapentin | | 90.4 | 24.7 | 62.4 | 37.8 | 24.7 | 22.6 | 22.6 | 0.000 | 0.000 | 0.016 |
| hydantoin | | 46.5 | 0.0 | 33.8 | 61.8 | 0.0 | 32.6 | 0.0 | -0.031 | 1.000 | -0.002 |
| lamotrigine | | 0.0 | 0.0 | 0.0 | 59.6 | 69.6 | 54.8 | 55.8 | 0.073 | 0.927 | 0.602 |
| levetiracetam | | | | | | | | | | | |
| mephennytoin | | | | | | | | | | | |

Table RSE-2.5.0 - ED mentions for central nervous system agents by drug category: RSE estimates for the coterminous U.S. by year (continued)

| Drug name ^{1,2,3} | | Total 1994 | Total 1995 | Total 1996 | Total 1997 | Total 1998 | Total 1999 | Total 2000 | p-value ⁴ 1994, 2000 | p-value ⁴ 1998, 2000 | p-value ⁴ 1999, 2000 |
|---|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------------------------------|---------------------------------------|---------------------------------------|
| methotoin | | 97.0 | 0.0 | 0.0 | 0.0 | 0.0 | 82.1 | 0.0 | 0.303 | 1.000 | 0.223 |
| methsuximide | | 13.8 | 36.1 | 21.5 | 0.0 | 0.0 | 41.0 | 78.5 | 0.525 | 0.203 | 0.538 |
| oxcarbazepine | | | | | | | | | | | |
| paramethadione | | | | | | | | | | | |
| phenacetamide | | | | | | | | | | | |
| phenesuximide | | 10.5 | 0.0 | 85.9 | 0.0 | 107.8 | 0.0 | 0.0 | 0.000 | 0.354 | 1.000 |
| phenytoin | | 18.2 | 12.7 | 13.1 | 12.2 | 18.1 | 25.0 | 24.9 | 0.193 | 0.250 | 0.456 |
| primidone | | 17.3 | 49.3 | 19.9 | 74.1 | 66.6 | 34.1 | 17.6 | -0.012 | 0.174 | 0.300 |
| tiagabine | | 0.0 | 0.0 | 0.0 | 0.0 | 100.3 | 83.3 | 31.4 | 0.001 | 0.010 | 0.011 |
| topiramate | | | | | | | | | | | |
| trimethadione | | | | | | | | | | | |
| valproic acid | | 37.0 | 35.4 | 28.7 | 26.7 | 32.7 | 31.3 | 45.7 | 0.135 | 0.121 | 0.206 |
| zonisamide | | | | | | | | | | | |
| anticonvulsants-NOS | | 27.8 | 23.3 | 13.6 | 66.5 | 36.9 | 0.0 | 95.6 | 0.332 | 0.361 | 0.296 |
| Antiemetic/antivertigo agents | | 21.5 | 25.1 | 24.0 | 27.6 | 22.1 | 22.6 | 31.2 | 0.761 | 0.989 | 0.705 |
| benzocaine-trimethobenzamide | | | | | | | | | | | |
| cyclizine | | 23.3 | 22.9 | 49.6 | 47.7 | 79.0 | 51.1 | 47.8 | -0.034 | 0.226 | 0.154 |
| dimenhydrinate | | 24.4 | 38.2 | 31.2 | 39.8 | 32.5 | 31.9 | 41.1 | 0.558 | 0.606 | 0.304 |
| dimenhydrinate/niacin/pentylenetetrazol | | | | | | | | | | | |
| diphenidol | | 0.0 | 76.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.000 | 1.000 | 1.000 |
| dolasetron | | | | | | | | | | | |
| dronabinol | | 50.1 | 8.5 | 44.7 | 26.8 | 19.0 | 92.2 | 54.7 | 0.331 | 0.302 | 0.332 |
| granisetron | | | | | | | | | | | |
| isopropamide iodide | | 32.4 | 0.0 | 65.1 | 0.0 | 0.0 | 0.0 | 61.3 | 0.225 | 0.103 | 0.103 |
| meclizine | | 31.9 | 34.7 | 43.5 | 37.4 | 33.6 | 50.0 | 51.7 | -0.036 | 0.198 | 0.411 |
| ondansetron | | 0.0 | 0.0 | 0.0 | 0.0 | 9.3 | 41.0 | 34.0 | 0.003 | 1.000 | 0.208 |
| phosphorated carbohydrate solution | | 0.0 | 0.0 | 0.0 | 58.8 | 0.0 | 38.9 | 0.0 | 1.000 | 1.000 | -0.010 |
| scopolamine | | 0.0 | 57.5 | 20.5 | 62.8 | 86.2 | 86.6 | 0.0 | 1.000 | 0.246 | 0.248 |
| thiethylperazine | | 41.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 103.7 | 0.361 | 0.335 | 0.335 |
| trimethobenzamide | | 25.6 | 39.4 | 29.1 | 27.9 | 29.0 | 70.2 | 97.8 | 0.638 | 0.467 | 0.564 |
| antiemetic/antivertigo agents-NOS | | 53.4 | 44.4 | 0.0 | 5.6 | 0.0 | 57.0 | 27.8 | 0.694 | 0.000 | 0.209 |
| Antiparkinson agents | | 15.5 | 15.2 | 17.8 | 16.6 | 19.1 | 25.0 | 25.9 | 0.000 | -0.002 | 0.189 |
| benztropine | | 16.6 | 17.3 | 20.0 | 17.5 | 19.9 | 25.8 | 28.7 | 0.000 | -0.002 | 0.267 |
| biperiden | | 54.2 | 96.3 | 95.1 | 93.4 | 0.0 | 0.0 | 0.0 | 0.065 | 1.000 | 1.000 |
| bromocriptine | | 75.1 | 73.9 | 24.6 | 47.8 | 24.7 | 23.3 | 54.5 | 0.215 | -0.004 | 0.083 |
| carbidopa | | | | | | | | | | | |
| carbidopa-levodopa | | 87.4 | 90.5 | 60.8 | 36.2 | 44.4 | 86.5 | 42.4 | 0.348 | 0.476 | 0.328 |
| entacapone | | | | | | | | | | | |
| levodopa | | 91.5 | 36.6 | 73.0 | 83.5 | 5.8 | 0.0 | 0.0 | 0.274 | 0.000 | 1.000 |
| pergolide | | | | | | | | | | | |
| pramipexole | | | | | | | | | | | |
| procyclidine | | 34.1 | 35.0 | 0.0 | 53.6 | 0.0 | 13.8 | 0.0 | -0.003 | 1.000 | 0.000 |
| ropinirole | | | | | | | | | | | |
| selegiline | | 51.9 | 35.7 | 6.2 | 134.5 | 0.0 | 130.0 | 52.1 | 1.000 | 0.055 | 0.706 |
| tolcapone | | | | | | | | | | | |
| trihexyphenidyl | | 31.5 | 30.7 | 29.8 | 36.7 | 51.1 | 53.3 | 71.5 | -0.012 | 0.468 | 0.536 |
| antiparkinson agents-NOS | | | | | | | | | | | |

ED Trends from DAWN

Table RSE-2.5.0 - ED mentions for central nervous system agents by drug category: RSE estimates for the coterminous U.S. by year (continued)

| Drug name ^{1,2,3} | | Total 1994 | Total 1995 | Total 1996 | Total 1997 | Total 1998 | Total 1999 | Total 2000 | p-value ⁴ 1994, 2000 | p-value ⁴ 1998, 2000 | p-value ⁴ 1999, 2000 |
|---|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------------------------------|---------------------------------------|---------------------------------------|
| General anesthetics | | 16.4 | 38.9 | 50.6 | 43.3 | 25.2 | 111.9 | 98.4 | 0.324 | 0.385 | 0.819 |
| droperidol | | 0.0 | 47.5 | 57.1 | 43.3 | 31.5 | 0.0 | 42.9 | 0.020 | -0.034 | 0.020 |
| etomidate | | | | | | | | | | | |
| methohexital | | 32.1 | 0.0 | 61.6 | 0.0 | 101.9 | 111.9 | 102.8 | 0.338 | 0.338 | 0.845 |
| propofol | | | | | | | | | | | |
| thiethyl sodium | | 6.4 | 61.7 | 0.0 | 0.0 | 33.7 | 0.0 | 0.0 | 0.000 | -0.003 | 1.000 |
| thiopental | | | | | | | | | | | |
| general anesthetics-NOS | | | | | | | | | | | |
| Muscle relaxants | | 11.7 | 10.2 | 9.1 | 10.1 | 11.6 | 11.8 | 11.9 | 0.010 | 0.112 | 0.037 |
| acetaminophen/chlorzoxazone | | 68.5 | 29.0 | 60.0 | 55.9 | 3.9 | 134.1 | 9.4 | 0.151 | 1.000 | 1.000 |
| acetaminophen/orphenadrine | | 0.0 | 0.0 | 34.4 | 0.0 | 0.0 | 38.5 | 0.0 | 1.000 | 1.000 | -0.009 |
| ASA/caffeine/orphenadrine | | 71.3 | 28.7 | 63.1 | 37.5 | 95.8 | 69.0 | 73.8 | 0.191 | 0.318 | 0.636 |
| ASA/carisoprodol/codeine | | 67.0 | 85.2 | 0.0 | 48.1 | 53.4 | 0.0 | 0.0 | 0.136 | 0.061 | 1.000 |
| aspirin-carisoprodol | | 68.5 | 55.7 | 52.0 | 64.7 | 37.7 | 0.0 | 88.4 | 0.160 | 1.000 | 0.258 |
| aspirin-meprobamate | | 42.1 | 52.6 | 6.6 | 59.5 | 0.0 | 67.3 | 0.0 | -0.017 | 1.000 | 0.138 |
| aspirin-methocarbamol | | 61.6 | 0.0 | 93.7 | 83.1 | 7.2 | 0.0 | 0.0 | 0.105 | 0.000 | 1.000 |
| atracurium | | | | | | | | | | | |
| baclofen | | 57.0 | 51.1 | 66.5 | 19.6 | 44.7 | 36.6 | 54.4 | 0.473 | 0.399 | 0.341 |
| benzotamine | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 40.2 | 0.013 | 0.013 | 0.013 |
| botulinum toxin type A | | | | | | | | | | | |
| carisoprodol | | 15.0 | 14.1 | 10.9 | 13.7 | 14.0 | 15.0 | 16.2 | 0.024 | 0.340 | 0.501 |
| chlorphenesin | | 0.0 | 0.0 | 70.2 | 0.0 | 0.0 | 0.0 | 0.0 | 1.000 | 1.000 | 1.000 |
| chlorzoxazone | | 29.7 | 35.9 | 34.9 | 53.4 | 18.7 | 55.9 | 55.2 | -0.048 | 0.118 | 0.885 |
| cisatracurium | | | | | | | | | | | |
| cyclobenzaprine | | 13.9 | 15.6 | 14.1 | 12.7 | 14.3 | 15.3 | 14.8 | 0.162 | 0.091 | 0.039 |
| dantrolene | | 3.1 | 17.1 | 0.0 | 35.6 | 0.0 | 0.0 | 2.6 | 1.000 | 0.000 | 0.000 |
| doxacurium | | | | | | | | | | | |
| mephenesin | | 3.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.000 | 1.000 | 1.000 |
| metaxalone | | 14.1 | 71.1 | 45.3 | 43.9 | 45.2 | 39.8 | 35.7 | 0.007 | 0.186 | 0.491 |
| methocarbamol | | 23.9 | 21.9 | 26.4 | 38.6 | 40.6 | 24.0 | 36.7 | 0.154 | 0.237 | 0.914 |
| methoxyethoxyethylaminomethyl-1-4-benzodioxan | | 4.4 | 61.7 | 22.7 | 0.0 | 186.7 | 37.8 | 0.0 | 0.000 | 0.592 | -0.008 |
| metocurine | | | | | | | | | | | |
| mivacurium | | | | | | | | | | | |
| orphenadrine | | 11.1 | 47.7 | 40.1 | 35.4 | 40.7 | 48.0 | 57.7 | 0.311 | 0.470 | 0.735 |
| pancuronium | | 0.0 | 0.0 | 0.0 | 12.3 | 0.0 | 0.0 | 0.0 | 1.000 | 1.000 | 1.000 |
| pipecuronium | | | | | | | | | | | |
| rapacuronium | | | | | | | | | | | |
| rocuronium | | | | | | | | | | | |
| succinylcholine | | 32.9 | 0.0 | 0.0 | 117.6 | 0.0 | 0.0 | 0.0 | -0.002 | 1.000 | 1.000 |
| tizanidine | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 99.5 | 45.0 | 0.026 | 0.026 | 0.022 |
| tubocurarine | | | | | | | | | | | |
| vecuronium | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 103.2 | 0.333 | 0.333 | 0.333 |
| muscle relaxants-NOS | | 33.0 | 31.9 | 34.4 | 29.9 | 34.2 | 34.6 | 33.2 | 0.540 | 0.970 | 0.826 |
| Miscellaneous CNS agents | | 0.0 | 0.0 | 0.0 | 44.2 | 0.0 | 98.3 | 68.5 | 0.144 | 0.144 | 0.647 |
| cevimeline | | | | | | | | | | | |
| donepezil | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 73.3 | 89.0 | 0.261 | 0.261 | 0.303 |
| ergoloid mesylates | | 0.0 | 0.0 | 0.0 | 44.2 | 0.0 | 0.0 | 0.0 | 1.000 | 1.000 | 1.000 |
| laudanosine | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 109.8 | 105.3 | 0.343 | 0.343 | 0.783 |

Table RSE-2.5.0 - ED mentions for central nervous system agents by drug category: RSE estimates for the coterminous U.S. by year (continued)

| Drug name ^{1,2,3} | | Total 1994 | Total 1995 | Total 1996 | Total 1997 | Total 1998 | Total 1999 | Total 2000 | p-value ⁴ 1994, 2000 | p-value ⁴ 1998, 2000 | p-value ⁴ 1999, 2000 |
|----------------------------|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------------------------------|---------------------------------------|---------------------------------------|
| pilocarpine | | | | | | | | | | | |
| rivastigmine | | | | | | | | | | | |
| tacrine | | | | | | | | | | | |

¹ This classification of drugs is derived from the Multum Lexicon, Copyright © 2001, Multum Information Services, Inc. The classification has been modified to meet DAWN's unique requirements (2001). The Multum Licensing Agreement governing use of the Lexicon is provided in an appendix to this report and can be found on the Internet at <http://www.multum.com>.

² Cocaine (Schedule I substance) / morphine is a Brompton's mixture. All other mentions of cocaine are classified under Major Substances of Abuse.

³ Anesthetic gasses are classified under Inhalants.

⁴ P-values correspond to increases and decreases between estimates for the periods noted. For the purposes of this report, p-values less than 0.05 are considered to be statistically significant.

NOTE: These estimates are based on a representative sample of non-Federal, short-stay hospitals with 24-hour emergency departments in the coterminous U.S. Drugs are classified to the degree of specificity recorded in the DAWN case reports.

CNS = central nervous system, ED = emergency department, NOS = not otherwise specified, NTA = not tabulated above, RSE = relative standard error.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2000 (09/2001 update).